

DNAJA1 Rabbit mAb

Catalog # AP78376

Product Information

Application	WB, FC, IP
Primary Accession	P31689
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human DNAJA1
Purification	Affinity Purified
Calculated MW	44868

Additional Information

Gene ID	3301
Other Names	DNAJA1
Dilution	WB~~1/500-1/1000 FC~~1:10~50 IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

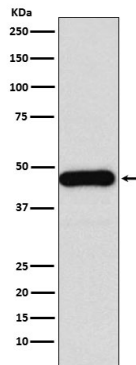
Name	DNAJA1
Synonyms	DNAJ2, HDJ2, HSJ2, HSPF4
Function	Co-chaperone for HSPA8/Hsc70 (PubMed: 10816573). Stimulates ATP hydrolysis, but not the folding of unfolded proteins mediated by HSPA1A (in vitro) (PubMed: 24318877). Plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as a co- chaperone for HSPA1B and negatively regulates the translocation of BAX from the cytosol to mitochondria in response to cellular stress, thereby protecting cells against apoptosis (PubMed: 14752510). Promotes apoptosis in response to cellular stress mediated by exposure to anisomycin or UV (PubMed: 24512202).
Cellular Location	Membrane; Lipid- anchor. Cytoplasm. Microsome. Nucleus. Cytoplasm, perinuclear region. Mitochondrion Note=Primarily associated with microsomes. A minor proportion is associated with mitochondria (By

similarity). Primarily cytoplasmic. A minor proportion is associated with nuclei.

Tissue Location

Ubiquitous. Isoform 2 is highly expressed in testis and lung, but detected at low levels in thymus, prostate, colon and liver.

Images



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